

KCC 4789(K-C 15,965)  
PATENT

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) An absorbent product comprising a crystallized carbohydrate-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, the absorbent product being selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, and interlabial pads.

Claims 2-5 (Canceled).

6. (Previously Presented) The absorbent product as set forth in claim 1 wherein the absorbent product contains from about 0.01% (by weight of the absorbent product) to about 5% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

7. (Previously Presented) The absorbent product as set forth in claim 1 wherein the absorbent product contains from about 0.1% (by weight of the absorbent product) to about 1% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

KCC 4789 (K-C 15,965)  
PATENT

8. (Previously Presented) The absorbent product as set forth in claim 1 wherein the crystallized carbohydrate-hydrogen peroxide mixture is encapsulated in a shell.

9. (Previously Presented) The absorbent product as set forth in claim 8 wherein the diameter of the shell is no greater than about 25 micrometers.

10. (Previously Presented) An absorbent product comprising a crystallized carbohydrate-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, the carbohydrate comprising a sugar alcohol, and wherein the absorbent product is selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, tampons, and interlabial pads.

11. (Previously Presented) The absorbent product as set forth in claim 10 wherein the sugar alcohol is selected from the group consisting of dulcitol, arabitol, adonitol, mannitol, sorbitol, xylitol, lactitol, maltitol, dithioerythritol, dithiothreitol, glycerol, galactitol, erythritol, inositol, ribitol, hydrogenated starch hydrolysates, and mixtures and combinations thereof.

12. (Previously Presented) The absorbent product as set forth in claim 10 wherein the sugar alcohol is selected from the group consisting of mannitol and sorbitol.

KCC 4789 (K-C 15,965)  
PATENT

13. (Previously Presented) The absorbent product as set forth in claim 10 wherein the absorbent product contains from about 0.01% (by weight of the absorbent product) to about 5% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

14. (Previously Presented) The absorbent product as set forth in claim 10 wherein the absorbent product contains from about 0.1% (by weight of the absorbent product) to about 1% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

Claims 15-18 (Canceled).

19. (Previously Presented) The absorbent product as set forth in claim 10 wherein the crystallized carbohydrate-hydrogen peroxide mixture is encapsulated in a shell.

20. (Presented Presented) The absorbent product as set forth in claim 19 wherein the shell has a diameter no greater than about 25 micrometers.

21. (Previously Presented) An absorbent product comprising from about 0.01% (by weight of the absorbent product) to about 5% (by weight of the absorbent product) of a crystallized mannitol-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, wherein

KCC 4789 (K-C 15,965)  
PATENT

the absorbent product is selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, tampons, and interlabial pads.

22. (Canceled).

23. (Previously Presented) A product comprising from about 0.01% (by weight of the product) to about 5% (by weight of the product) of a crystallized sorbitol-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, the product being selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, paper towels, tampons, interlabial pads, facial tissue, wound management products, bath tissue, deodorant powder, deodorant sticks, diaper pails, liners for diaper pails, refuse containers, bed pads, and puppy pads.

Claims 24-54 (Canceled).